

# cARTography

Beautiful Distortions

# History of Maps

The **history of cartography** refers to the development and consequences of [cartography](#), or mapmaking technology, throughout human history. Maps have been one of the most important human inventions for millennia, allowing humans to explain and navigate their way through the world.

When and how the earliest maps were made are unknown, but maps of local terrain are believed to have been independently invented by many cultures. The earliest surviving maps include [cave paintings](#) and etchings on tusk and stone. Maps were produced extensively by ancient [Babylon](#), Greece, Rome, China, and India.

The earliest maps ignored the curvature of Earth's surface, both because the shape of the Earth was uncertain and because the curvature is not important across the small areas being mapped. However, since the age of [Classical Greece](#), maps of large regions, and especially of the world, have used [projection](#) from a model globe in order to control how the inevitable distortion gets apportioned on the map.

- <https://www.youtube.com/watch?v=w8W0MerY0WE>
- <https://www.youtube.com/watch?v=KDdlsh8lhE>
- <https://www.youtube.com/watch?v=S3R-rP8dawM> (Why Maps are Wrong)
- [https://www.youtube.com/watch?v=nfXKgIG\\_Lr0](https://www.youtube.com/watch?v=nfXKgIG_Lr0)
- <https://www.youtube.com/watch?v=d3Map90PUpE> (Top 10 Ancient maps)

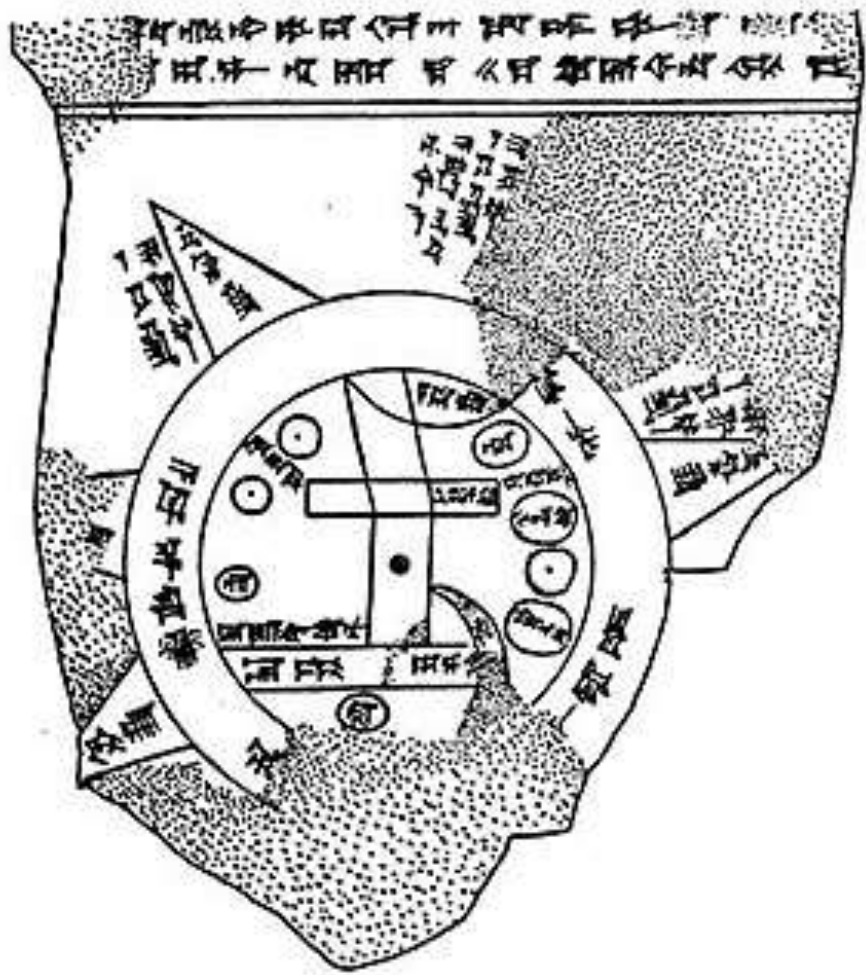
- <https://weburbanist.com/2011/05/30/creative-cartography-15-artists-transforming-maps/>
- [https://www.moma.org/learn/moma\\_learning/alighiero-boetti-map-of-the-world-1989/](https://www.moma.org/learn/moma_learning/alighiero-boetti-map-of-the-world-1989/)
- <https://www.faena.com/aleph/7-of-the-most-beautiful-maps-in-history>
- <https://geoawesomeness.com/top-20-amazing-beautiful-maps-youve-ever-seen/>
- <https://arcade.stanford.edu/occasion/aboriginal-story-systems-re-mapping-west-knowing-country-sharing-space>
- <https://www.youtube.com/watch?v=3I-Z0ciatMU>
- <https://art21.org/read/maps-providing-a-sense-of-direction/>

# Babylonian Map of the World

The **Babylonian Map of the World** (or *Imago Mundi*) is a [Babylonian clay tablet](#) written in the [Akkadian](#) language. Dated to no earlier than the 9th century BC (with a late 8th or 7th date being more likely), it includes a brief and partially lost textual description. The tablet [describes](#) the oldest known depiction of the [known world](#). Ever since its discovery there have been a variety of divergent views on what it represents in general and about specific features in particular.<sup>[1]</sup>

The map is centered on the [Euphrates](#), flowing from the north (top) to the south (bottom). The city of [Babylon](#) is shown on the Euphrates, in the northern half of the map. The mouth of the Euphrates is labelled "swamp" and "outflow". [Susa](#), the capital of [Elam](#), is shown to the south, [Urartu](#) to the northeast, and Habban, the capital of the [Kassites](#) is shown (incorrectly) to the northwest. Mesopotamia is surrounded by a circular "bitter river" or [Ocean](#), and seven or eight "regions", depicted as triangular sections, are shown as lying beyond the Ocean. It has been suggested that the depiction of these "regions" as triangles might indicate that they were imagined as mountains.<sup>[2]</sup>

<https://joyofmuseums.com/museums/united-kingdom-museums/london-museums/british-museum/imago-mundi/>





Ex. (Ministerio del Interior) Voz: PAUL LUCK. Tema: delictos de narcotráfico presentados a INTERPOL. BARRILETA HONORARIA S. C. B. Guayaquil. MONTENEGRO.





ΣΦΕΝΔΟΝΗ, hoc est, FVNDAMENTA  
POSIDONII

DELINEATA A P. BERTIO Christianissimi Regis LVDOVICI XIII.  
Geographo & Professore.



DIONYSIVS EN TH OIKOYMENHΣ PERIΓΓΗΣΕΙ

πᾶσα χλὴν, ὅτε νῆος ἀπειρίτος, ἐς ἐπ' αὖ λαι  
Οὐ μὲν πᾶσα διαπρὸ περιόδου, ἀλλὰ διαμυρί

Εὐρυτέρῃ δεξαμένη πρὸς ἡλίου κέντρους  
ΣΦΕΝΔΟΝΗ εἰκνίτῃ

84864  
06

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Map Division  
NOV 9 1905  
Library of Congress

Calasut  
LVETITAE PARISIOR  
MELCHIOR TAVERNIER  
Anno 1688





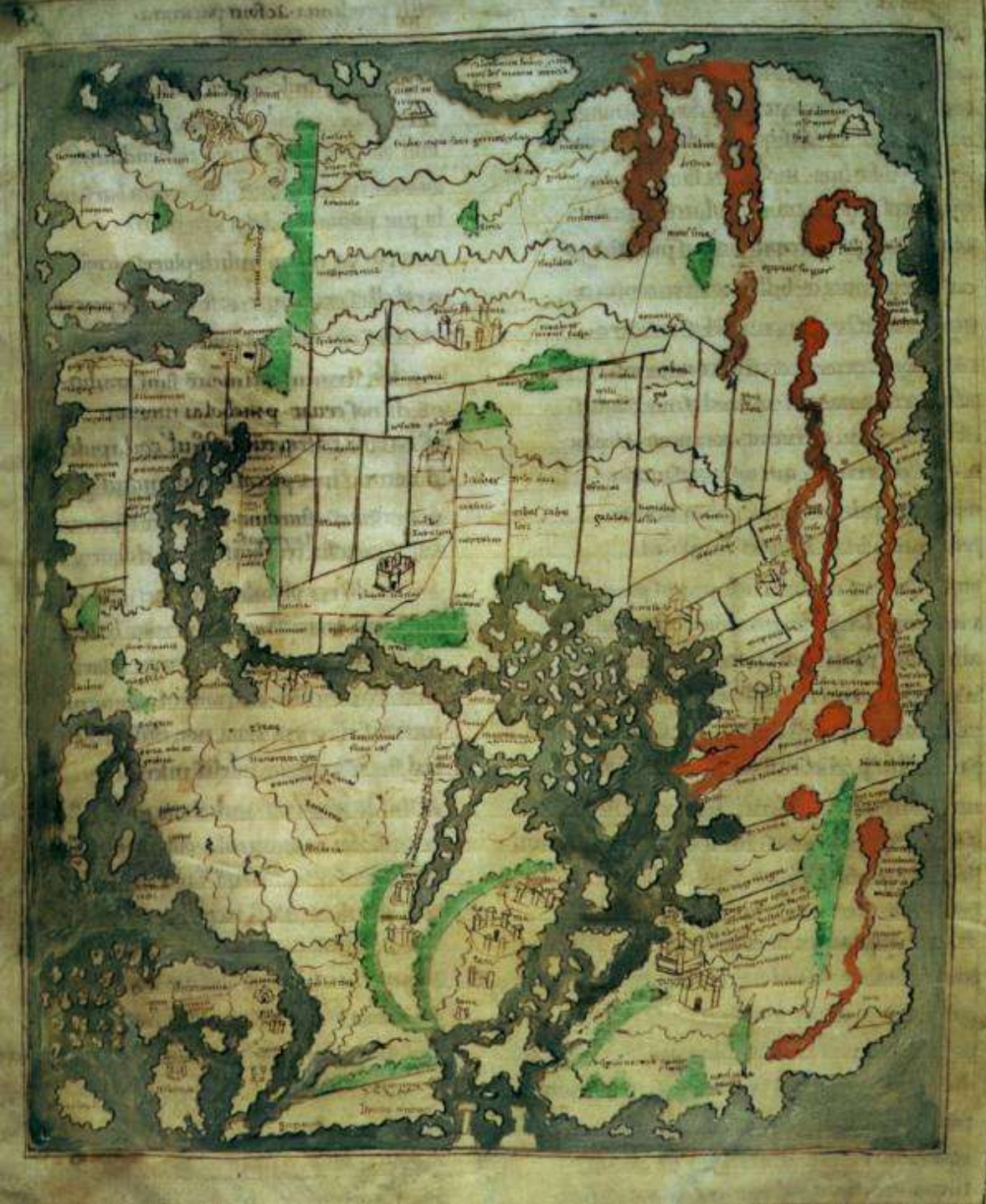














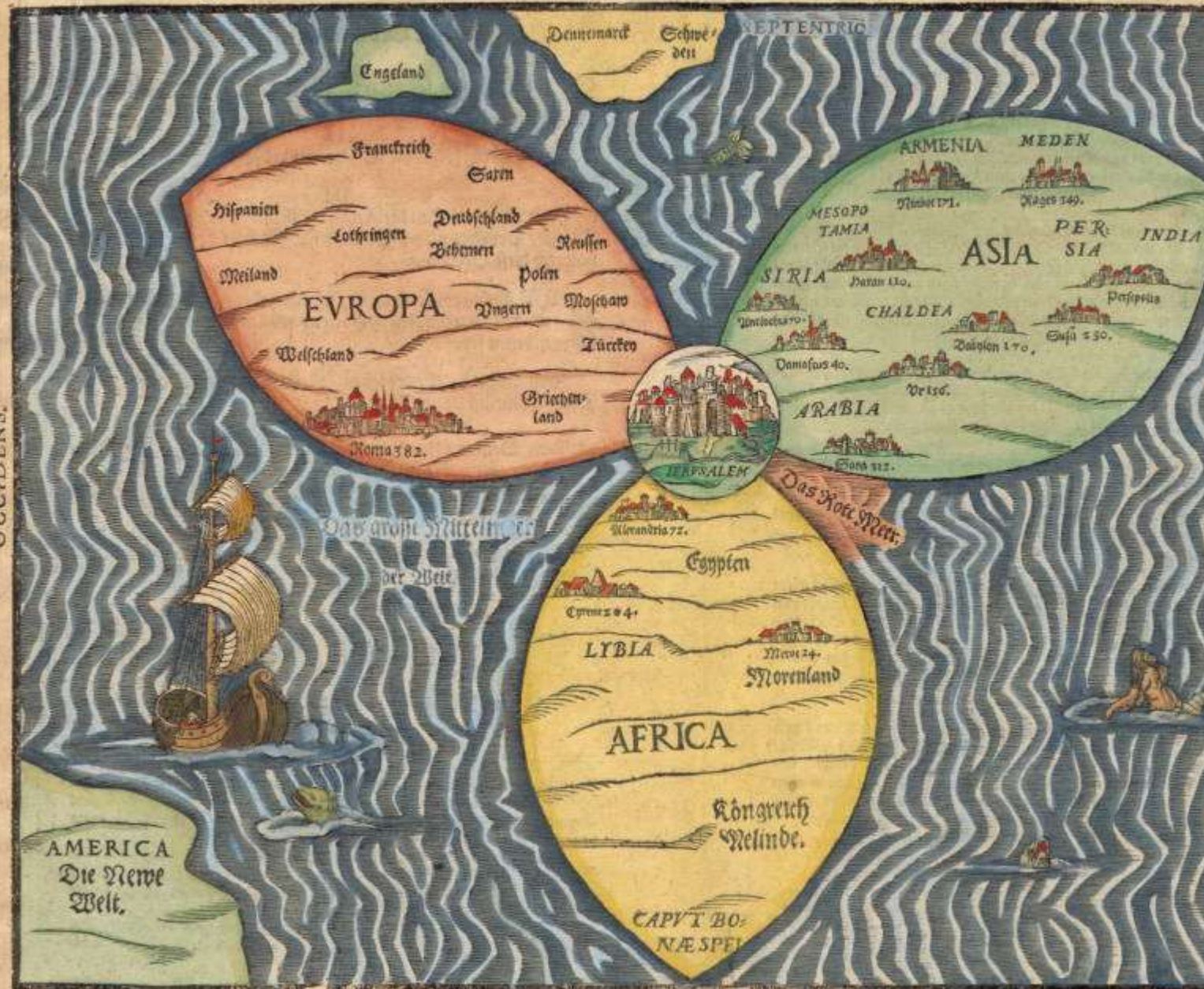


**L**e monde selon ysidre ou  
vire liure des ethimologies  
le monde est diuise en trois

parties. La une est apelee aise l'autre  
europa et la tierce aiffrique. Ces trois  
parties ne furent pas diuisees egau

III

Die gange Welt in einem Kleberlat/ Welches ist der Stadt Hannover meines lieben Vaterlandes Wapen.



AMERICA  
Die Nerve  
Welt.

MERIDIES.



# Gerardus Mercator

**Gerardus Mercator** ([/dʒɪˈrɑːrdəs mɜːrˈkeɪtər/](#); [\[aɪbɪcɪ\]](#) 5 March 1512 – 2 December 1594)<sup>[d]</sup> was a 16th-century [geographer](#), [cosmographer](#) and [cartographer](#) from the [County of Flanders](#). He is most renowned for creating the [1569 world map](#) based on a new [projection](#) which represented sailing courses of constant bearing ([rhumb lines](#)) as straight lines—an innovation that is still employed in nautical charts.

Mercator was a highly influential pioneer in the [history of cartography](#).<sup>[1][2]</sup> Along with [Gemma Frisius](#) and [Abraham Ortelius](#), he is generally considered one of the founders of the [Netherlandish school of cartography and geography](#). He is also widely considered the most notable figure of the school. In his own day, he was a notable maker of globes and scientific instruments. In addition, he had interests in theology, philosophy, history, mathematics and [geomagnetism](#). He was also an accomplished [engraver](#) and [calligrapher](#). Unlike other great scholars of the age, he travelled little and his knowledge of geography came from his library of over a thousand books and maps, from his visitors and from his vast correspondence (in six languages) with other scholars, statesmen, travellers, merchants and seamen. Mercator's early maps were in large formats suitable for wall mounting but in the second half of his life, he produced over 100 new regional maps in a smaller format suitable for binding into his [Atlas](#) of 1595. This was the first appearance of the word Atlas in reference to a book of maps. However, Mercator used it as a neologism for a treatise (*Cosmologia*) on the creation, history and description of the universe, not simply a collection of maps. He chose the word as a commemoration of the [Titan Atlas](#), "King of Mauretania", whom he considered to be the first great geographer.

- <https://www.youtube.com/watch?v=o1iTDxOEcpA&t=56s>





# BIS TERRAE COMPENDIOSA DESCRIPTIO

per Will. Mercatoris Dominum Richardo Gartho, Geographicæ ac ceterarum bonarum artium amatori ac fautori summo, in veteris amicitie ac familiaritatis signum Romolus Mercator fieri c.



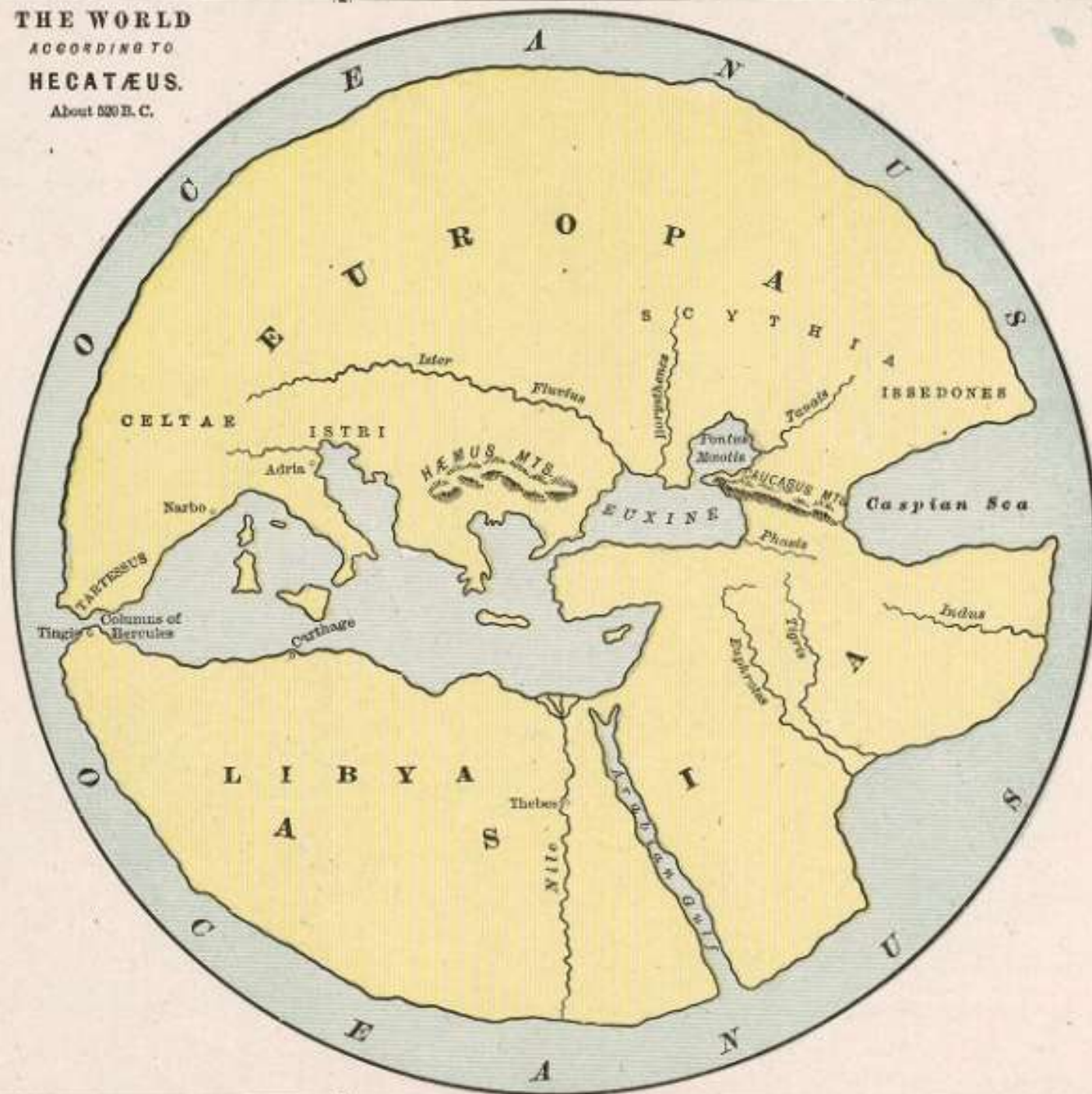




SEP:  
TENTRIO:  
NALIVM  
Terrarum de:  
scriptio.  
Per  
Gerardum Mercatorem  
Cum Privilegio



THE WORLD  
ACCORDING TO  
HECATÆUS.  
About 520 B. C.







WILLIAM GROPPER'S  
AMERICA  
ITS FOLKLORE

# Jasper Johns Map

Map is a 1961 oil-on-canvas painting by Jasper Johns. It represents the overall proportions and shapes of the states of the United States and parts of Mexico and Canada, although executed with a more "energetic application of paint" than found in cartography. The names of the states and ocean areas are stencilled.

- <https://www.youtube.com/watch?v=wer4F-2qd-Y>







# Yin Xiuzhen

Yin Xiuzhen is a Chinese sculpture and installation artist. She incorporates used textiles and keepsakes from her childhood in Beijing to show the connection between memory and cultural identity.

<http://www.artists4climate.com/en/artists/yin-xiuzhen/>

<https://www.youtube.com/watch?v=egRHAGtystQ&t=37s>























# Sarah Sze

Sarah Sze is an American artist widely recognized for challenging the boundaries of painting, installation, and architecture. Sze's sculptural practice ranges from slight gestures discovered in hidden spaces to expansive installations that scale walls and colonize architectures.

<https://art21.org/playlist/teaching-with-maps/>

<https://art21.org/playlist/teaching-with-maps/#/10> (Designing a Subway Station)







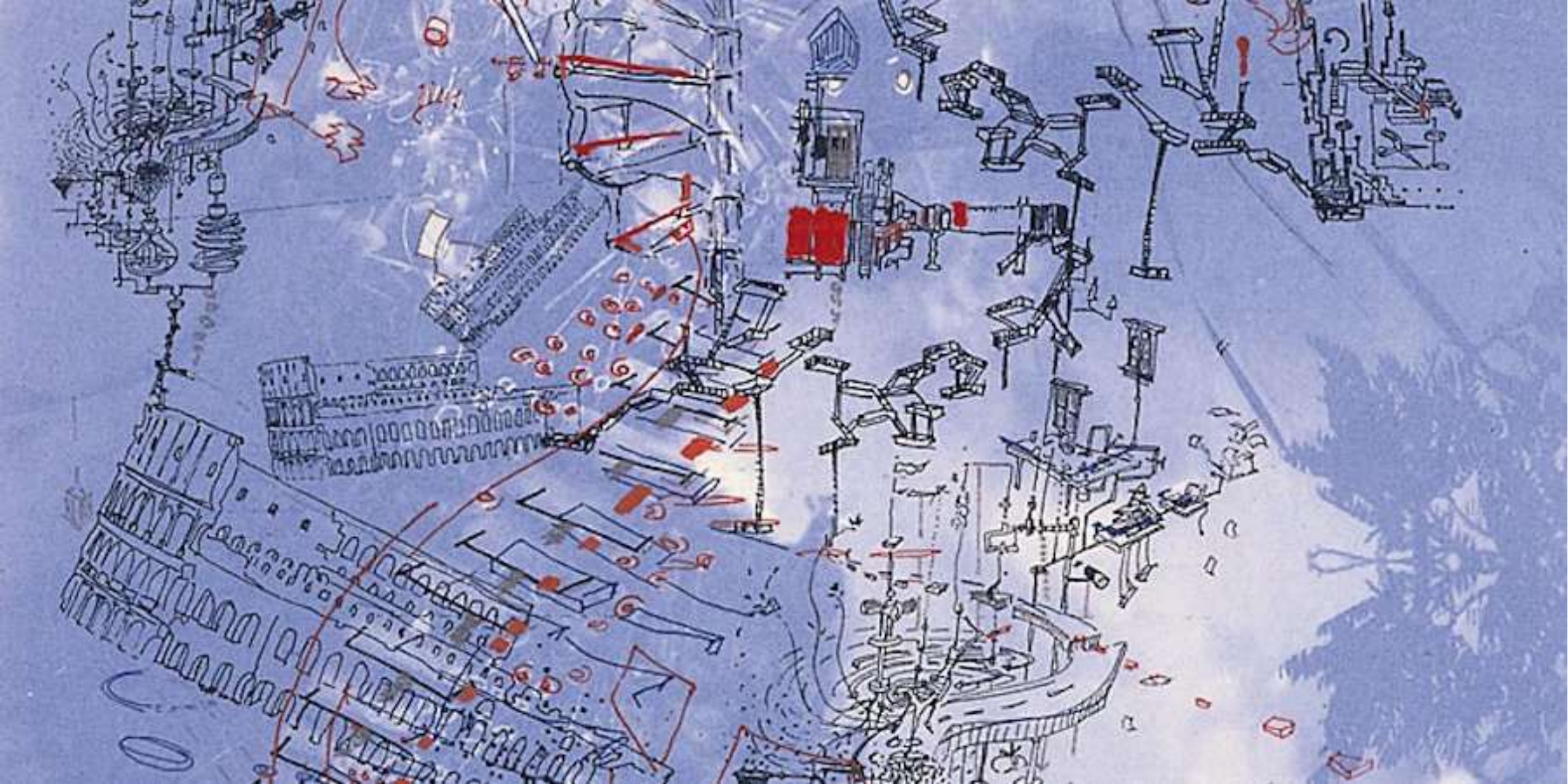


**Exit**

96 Street &  
2 Avenue  
M96

M15  
selectbus service







# Maya Lin

- Ebb and Flow
- <https://www.youtube.com/watch?v=r-9VB04eFg>
- <https://www.youtube.com/watch?v=R4wDml-aL4M&t=21s>
- <https://scma.smith.edu/art/exhibitions/maya-lin-mappings-0>
- <https://www.youtube.com/watch?v=R4wDml-aL4M> (maps)
- <https://art21.org/playlist/teaching-with-maps/#/8> (map)
- <https://www.youtube.com/watch?v=BsrLVPu5otI> (overview of her work)

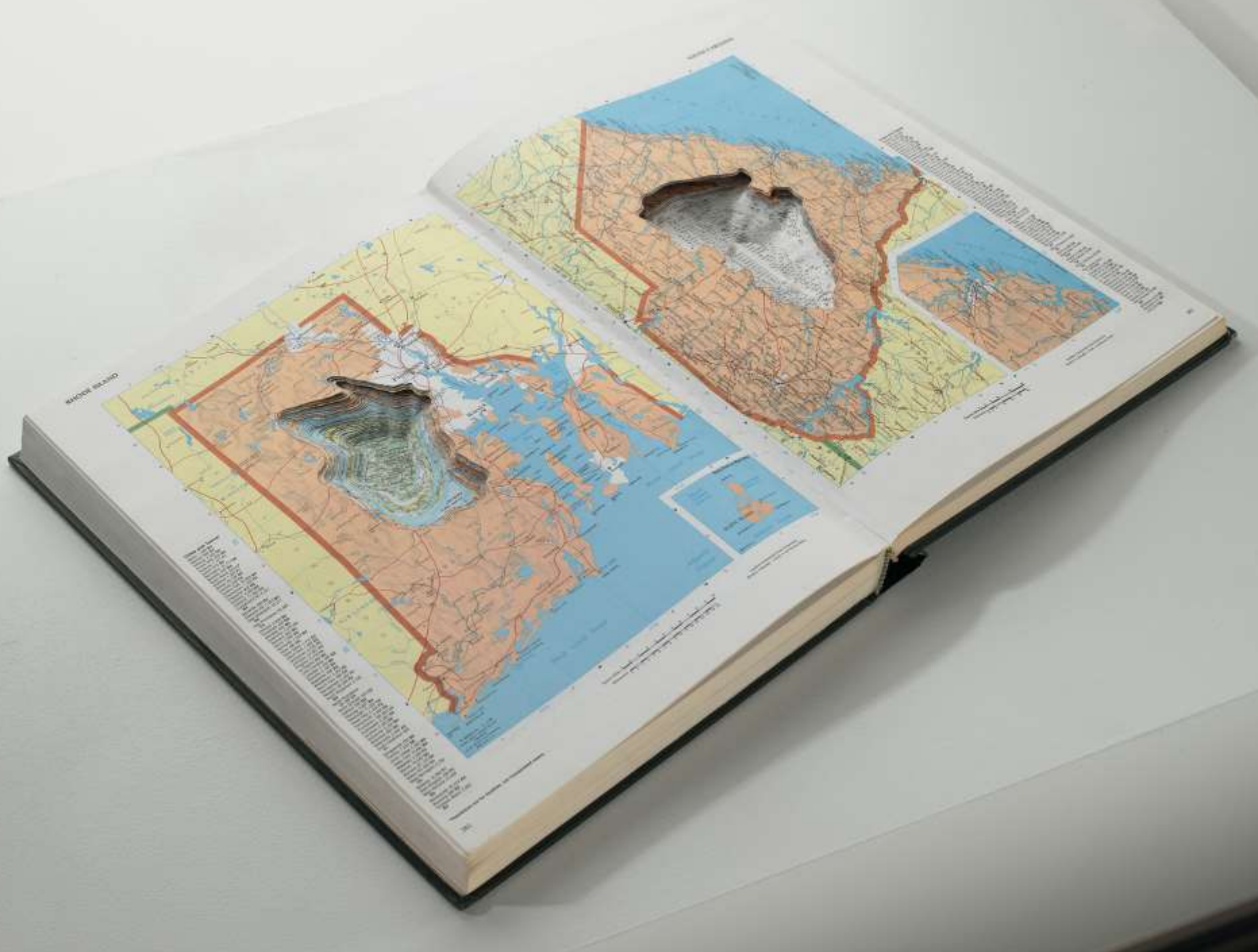




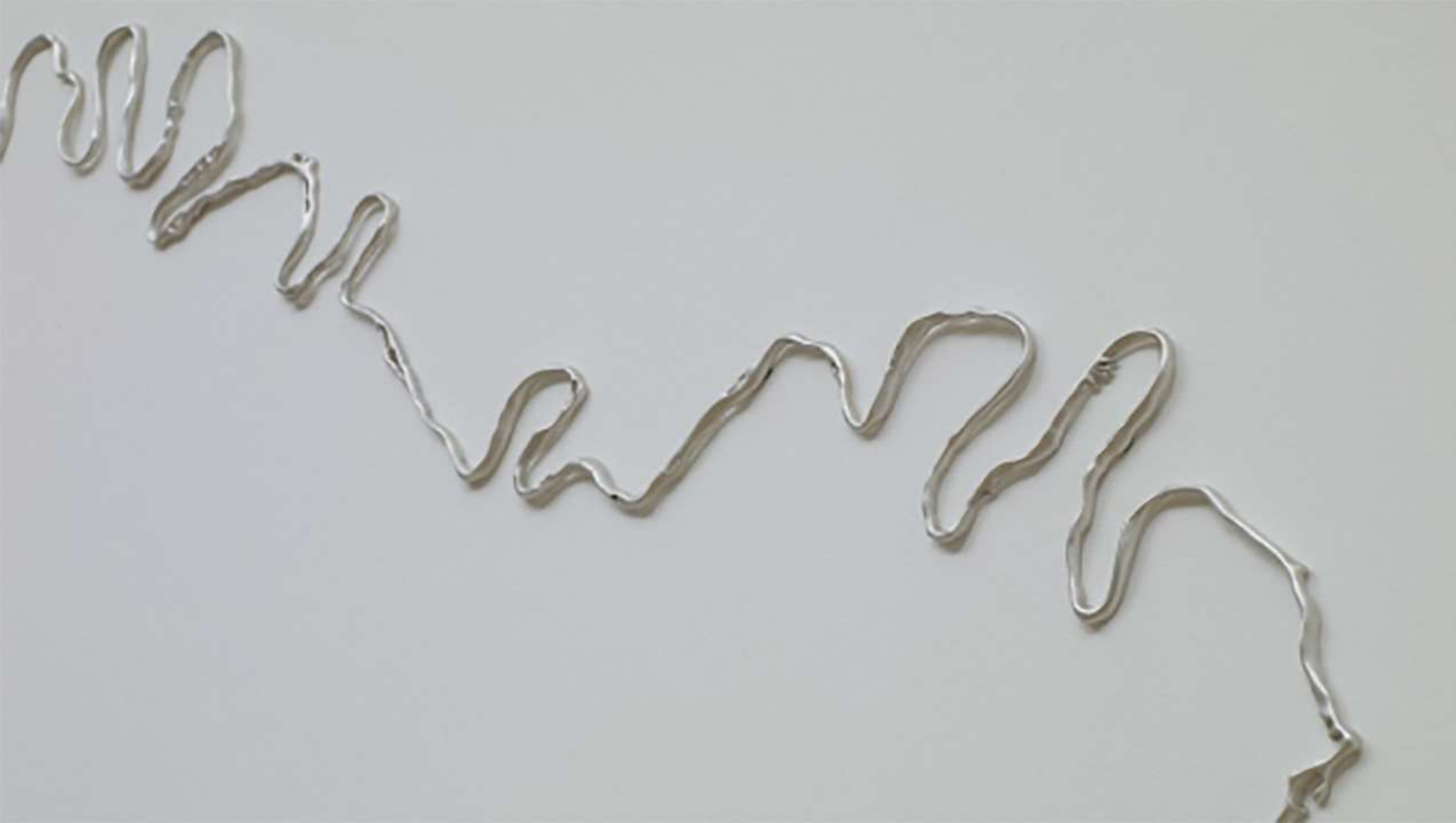








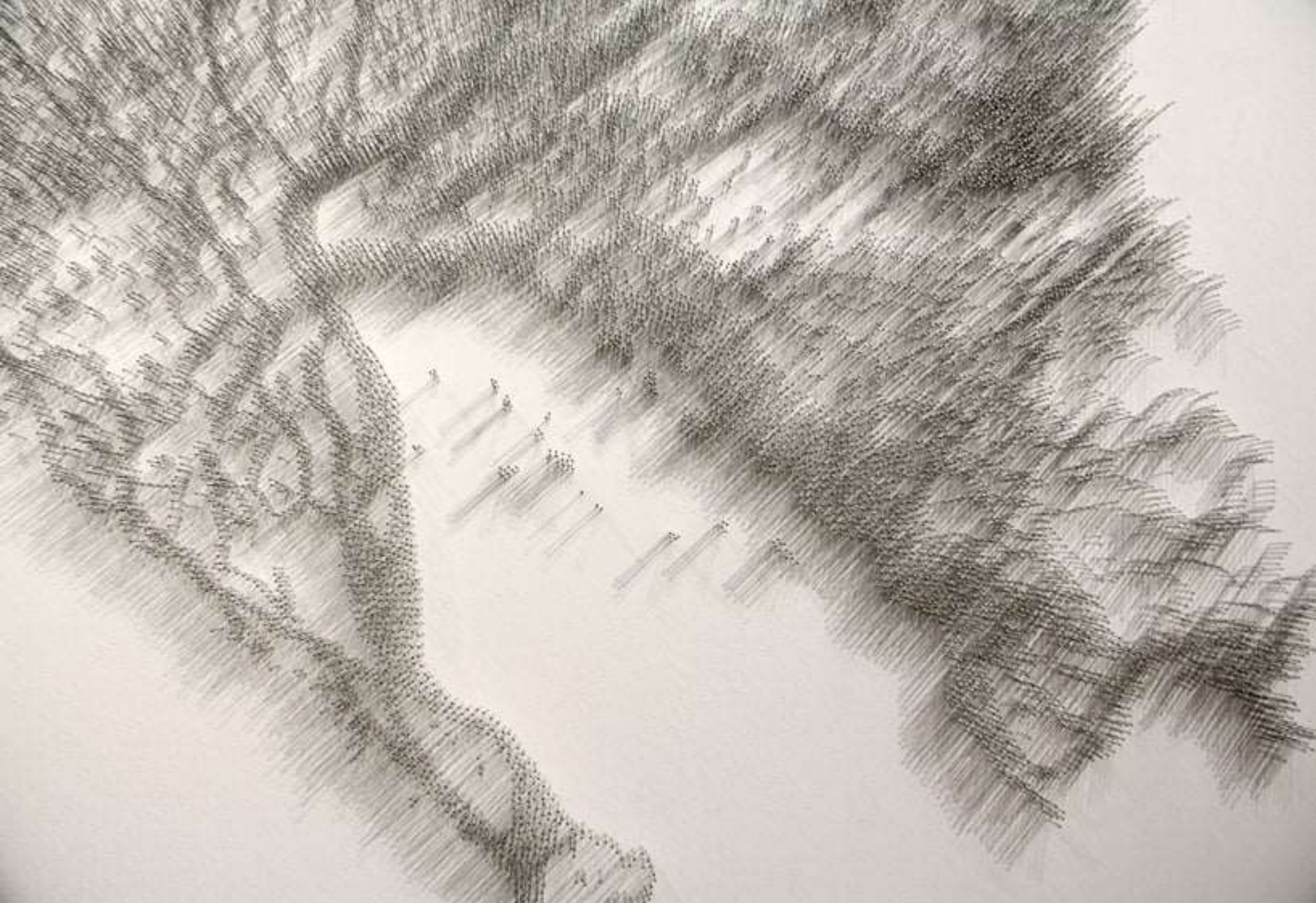
















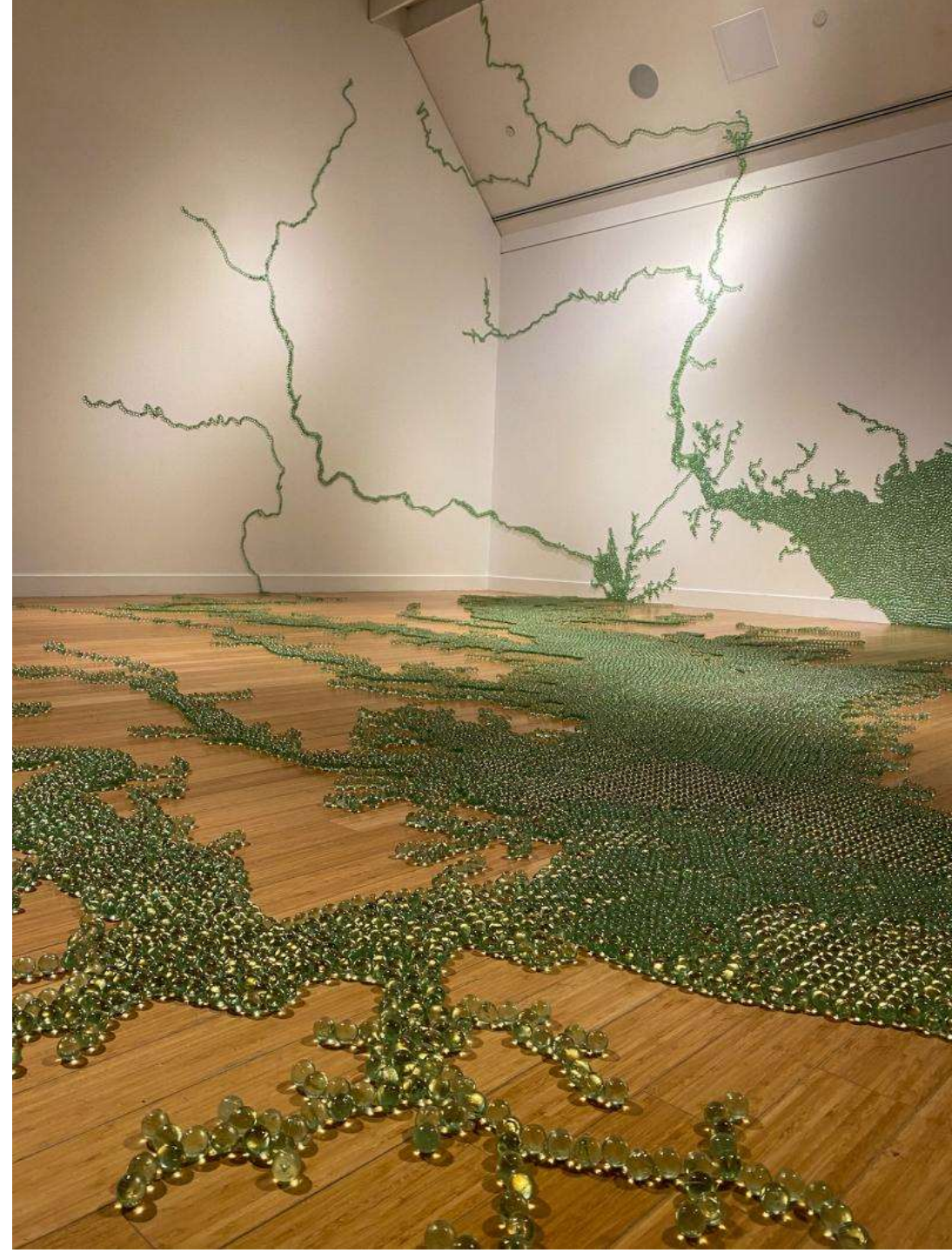












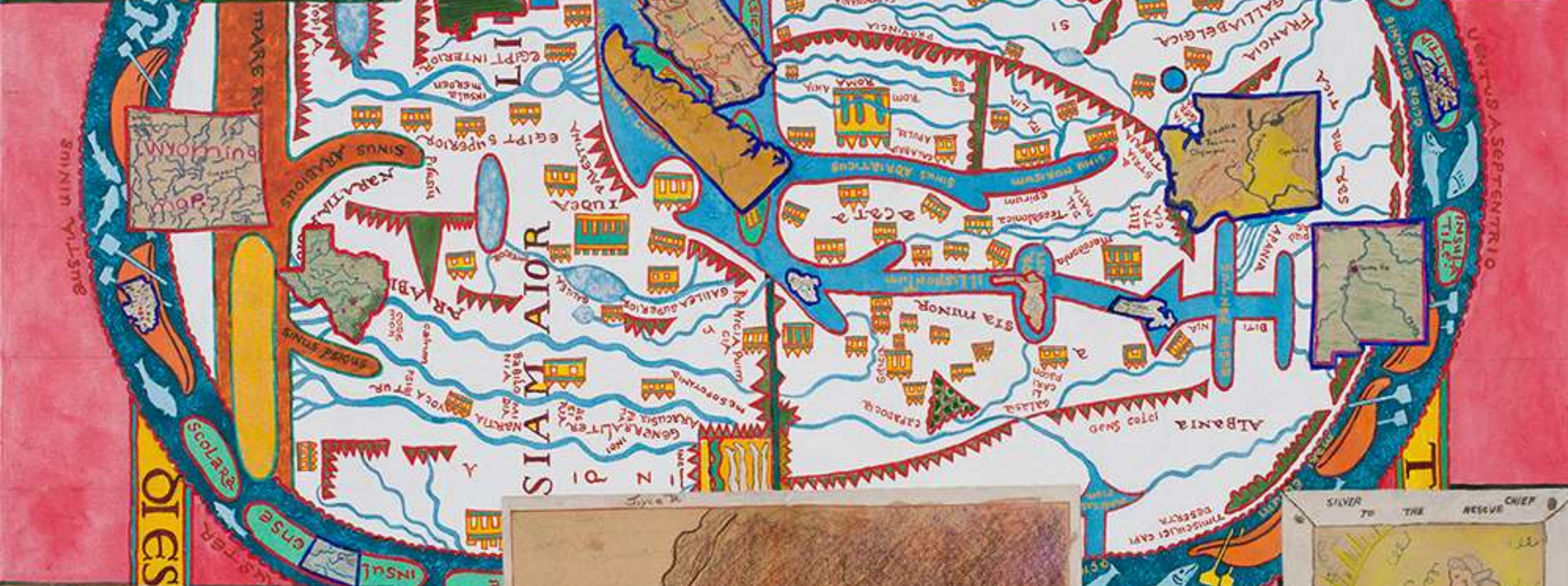


# Joyce Kozloff

Joyce Kozloff is an American artist whose politically engaged work has been based on cartography since the early 1990s. Kozloff was one of the original members of the Pattern and Decoration movement and was an early artist in the 1970s feminist art movements.

<https://vimeo.com/521538840>































# Gareth Fuller

Fuller is a British artist known for his intricate drawings and map art of cities and places that he explores. He drafts impressionistic "mind maps" of places where he has lived. Fuller is the pen name of Gareth Fuller of London, England, who was previously known as Gareth Wood.

- <https://www.nbcnewyork.com/news/local/artist-documenting-every-day-in-covid-19-quarantine-opera-singer-stuck-at-home/2318262/>







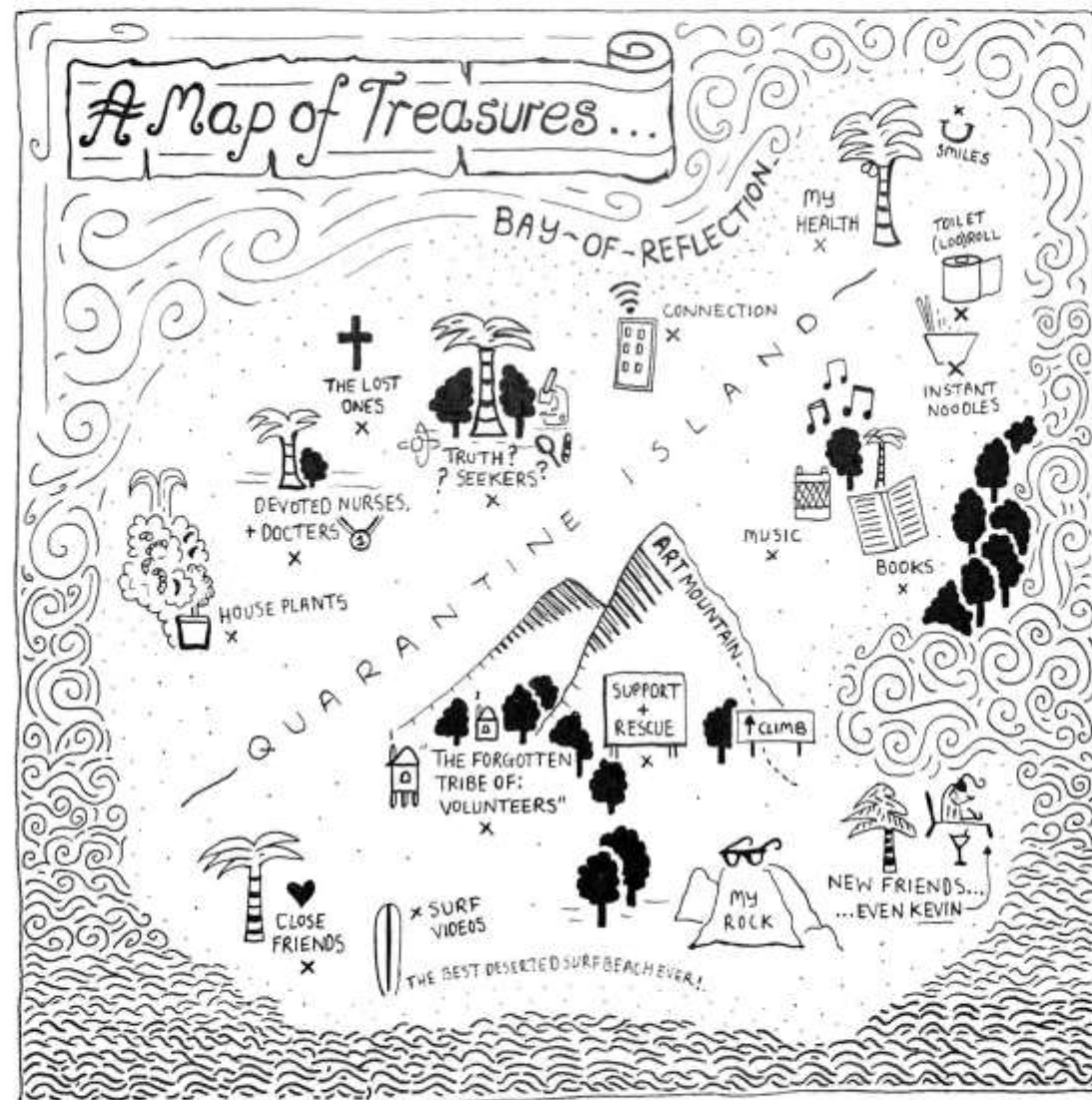




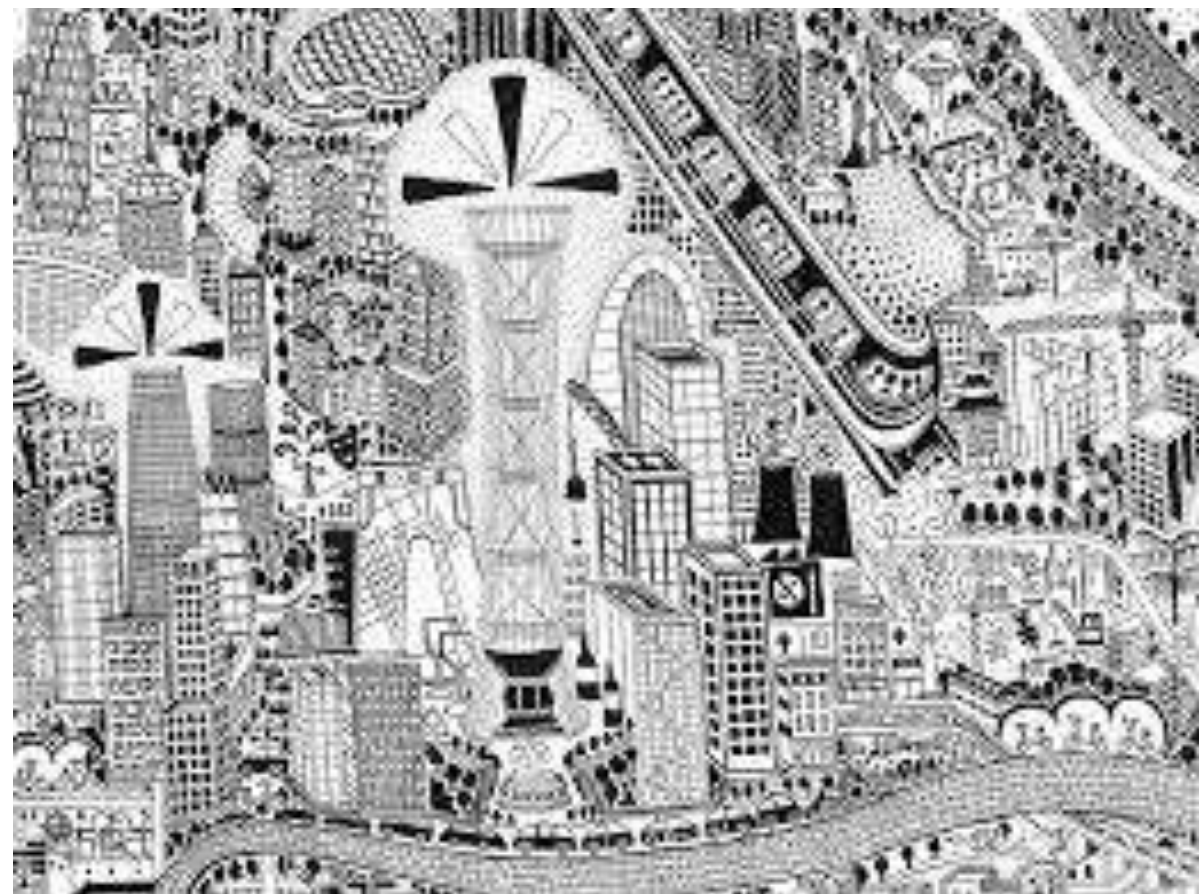




DAY 12



FULLER





## SURVIVAL MAP


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WEDNESDAY  
LUNCH

FRAGILE  
HANDLE WITH CARE



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**NOSE**

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**WORK**

**MORAL OR ECONOMIC GROWTH?**

**CLOSED SCHOOL**

**LESSON 4 LIFE**

**STAY AT HOME**

**THE GRAVEYARD**

**ABOUT THE ARTIST + AUTHOR:**

**@fuller\_artist**

**fullermaps.com**

**ABOUT THE ARTIST + AUTHOR:**

**ADDITIONAL INFORMATION:** The author is a member of the American Society of Human Genetics and the American Society of Human Rights. He is also a member of the American Society of Human Genetics and the American Society of Human Rights. He is also a member of the American Society of Human Genetics and the American Society of Human Rights.

@fuller\_artist

fullermaps.com



# Nikki Rosato

As a recent transplant to Washington, DC, with a view of the White House from the front of my apartment building, I find myself continuously inundated by the current political climate. While I can turn off the TV to come up for air, I cannot escape the overwhelming feeling that our individuality has been lost. Humanity is being removed from the conversation, and we are instead being treated as objects in a game that is spiraling out of control. As a woman, I am directly impacted by how those in power regard women and how their ideologies trickle down into society.

My work focuses on the individual and emerges from an obsession with the human body: the vessel that provides life and encapsulates our personal story. I find many parallels between map and body, both visual and symbolic. The land is just as alive as we are—map lines are unique imprints, signifying movement and life flowing across the earth.

In the *Object* series, I'm exploring the perception of object versus individual. Each piece creates a kaleidoscopic pattern where the object's overall shape and its individual human elements challenge each other through visual flux.

- <https://www.jonathanferraragallery.com/artists/nikki-rosato/featured-works?view=slider>
- <https://www.nikkirosato.com/cut-road-map>

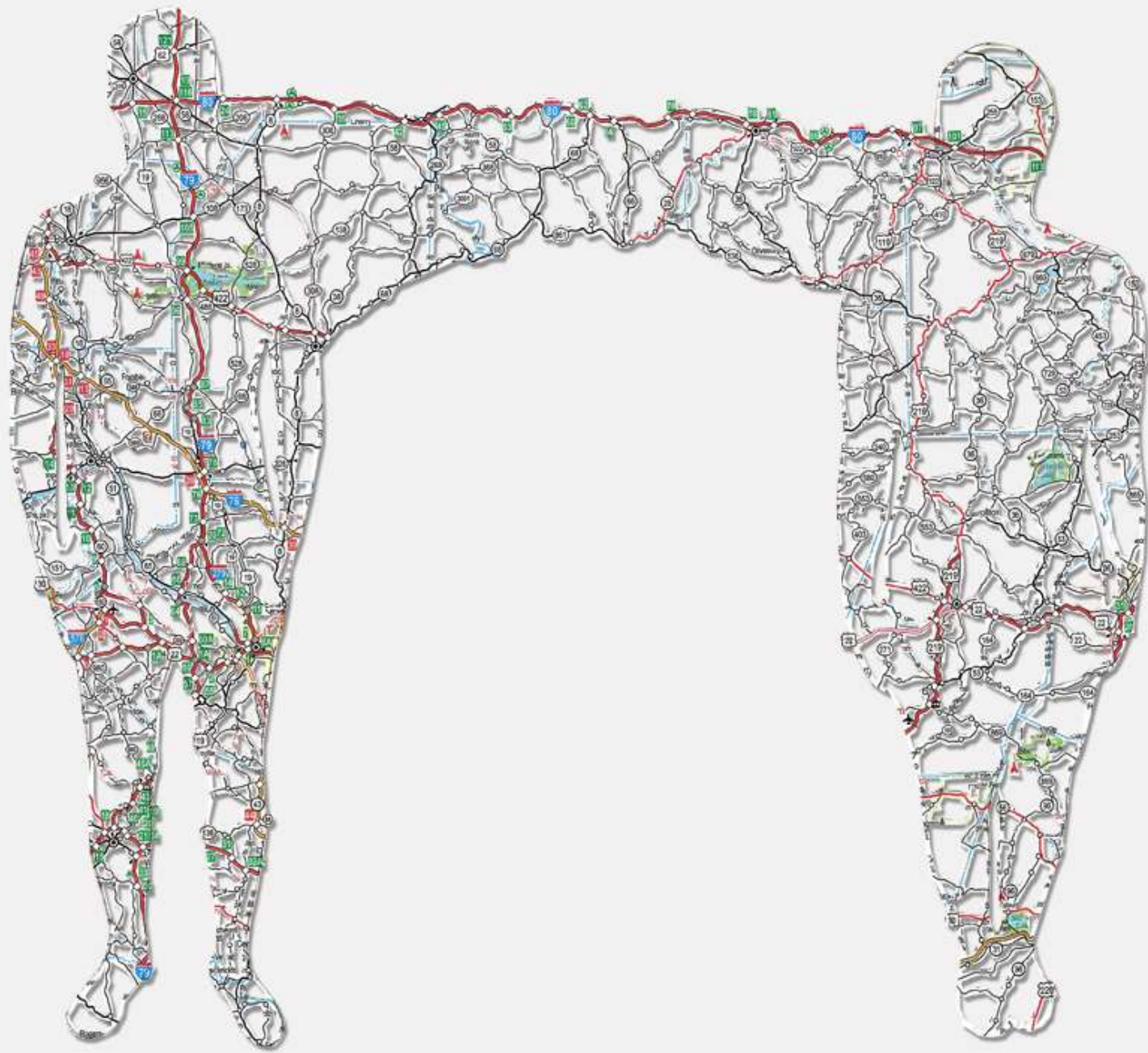




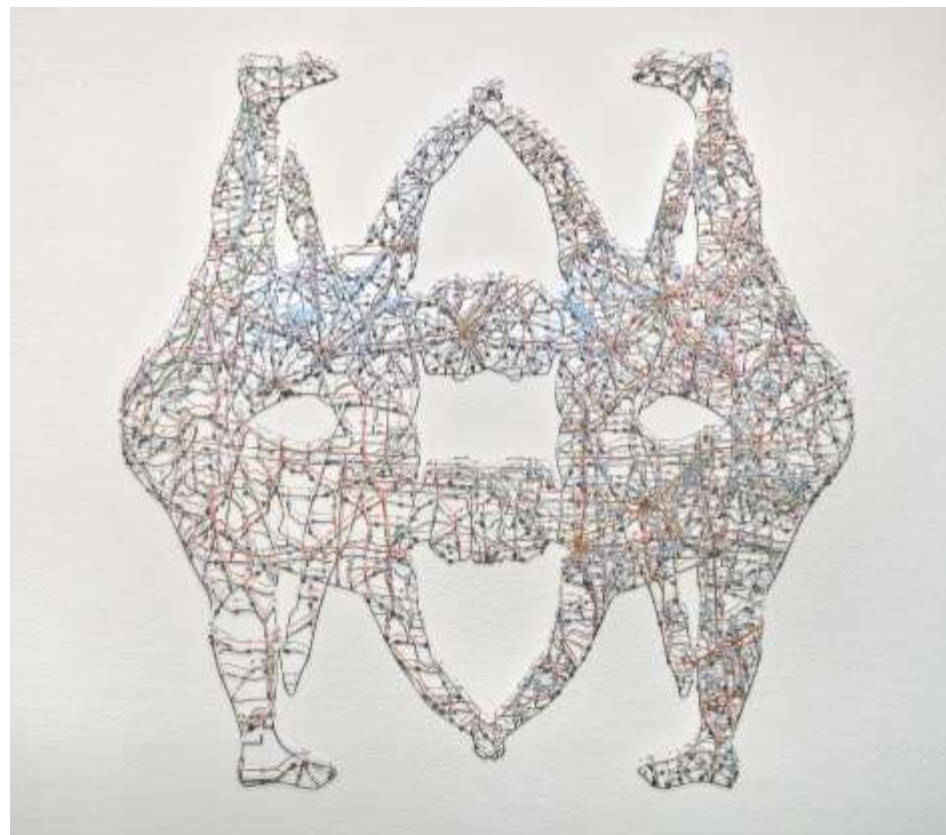
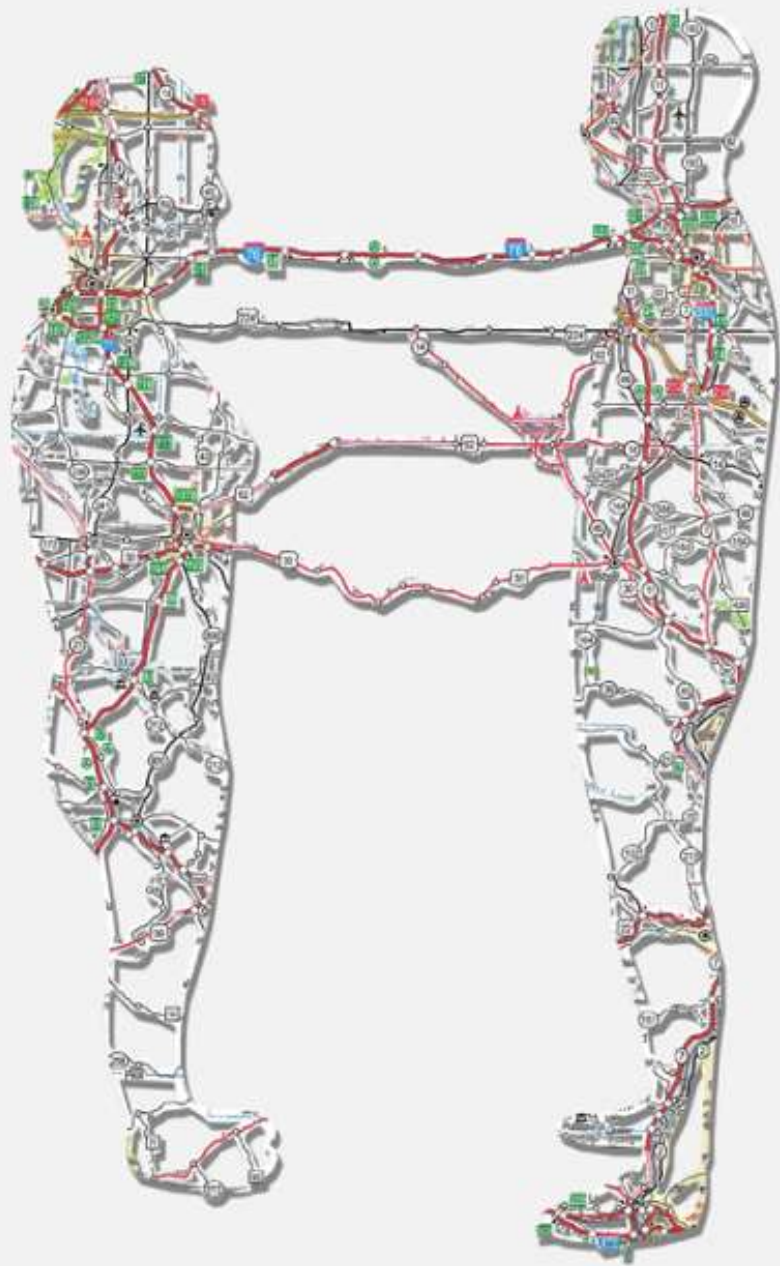






















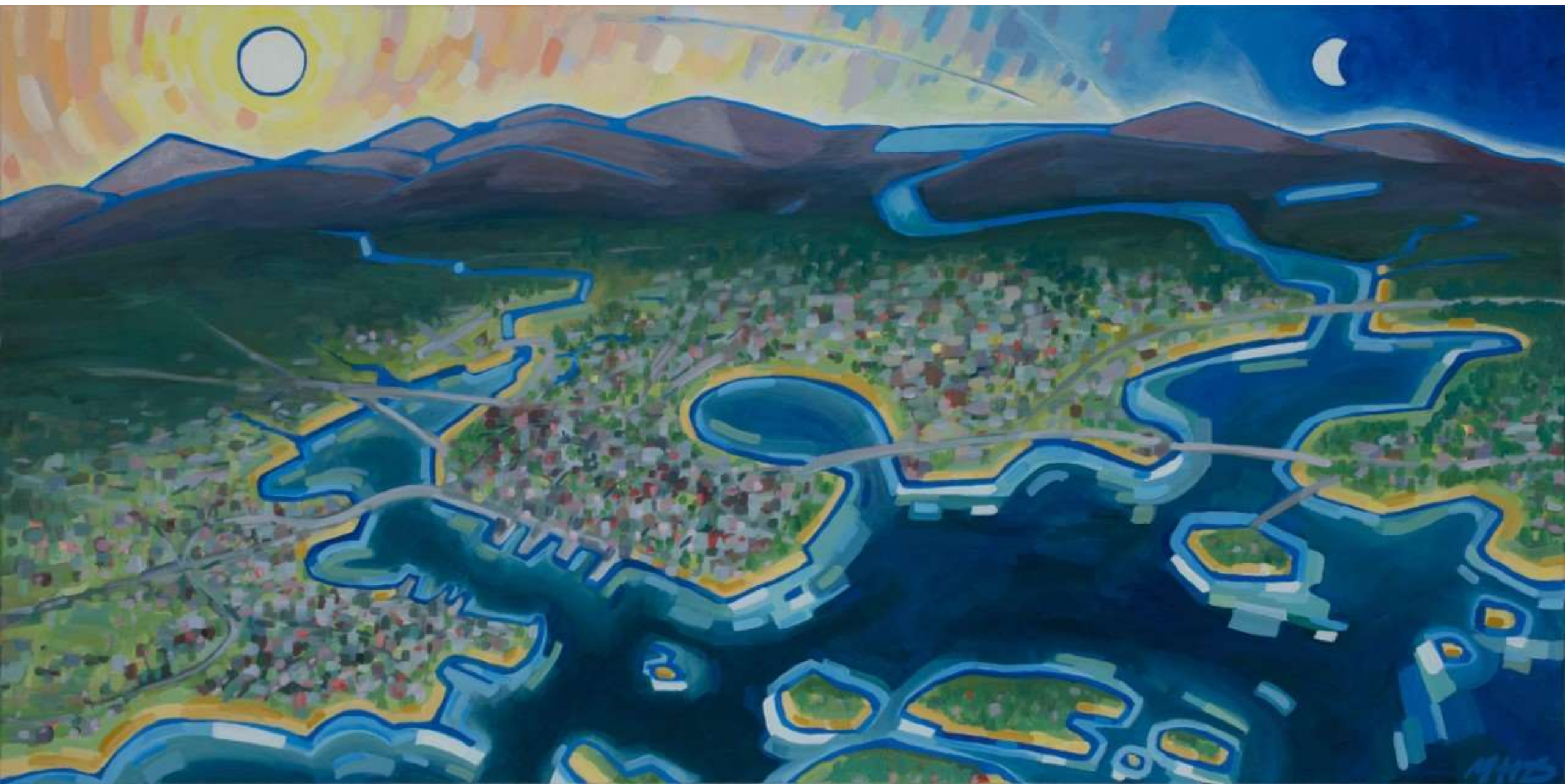
# Molly Brown

You can find Brown in her Molly Maps studio, in South Portland, creating woodcut prints with puzzle-like coastlines glowing gold against a cobalt sea, watercolor bird's-eye views of clients' favorite places, and acrylic landscapes that play with dramatic perspectives. In *Raised Along the Penobscot*, Maine's longest river dominates a panorama edged in a mountain-peaked horizon line. In *The Owl*, Baxter State Park's boulder-speckled Daicey Pond assumes the convex shape of the earth. "I want you to imagine yourself in the land, but also get the sense that you're on the planet," Brown says.

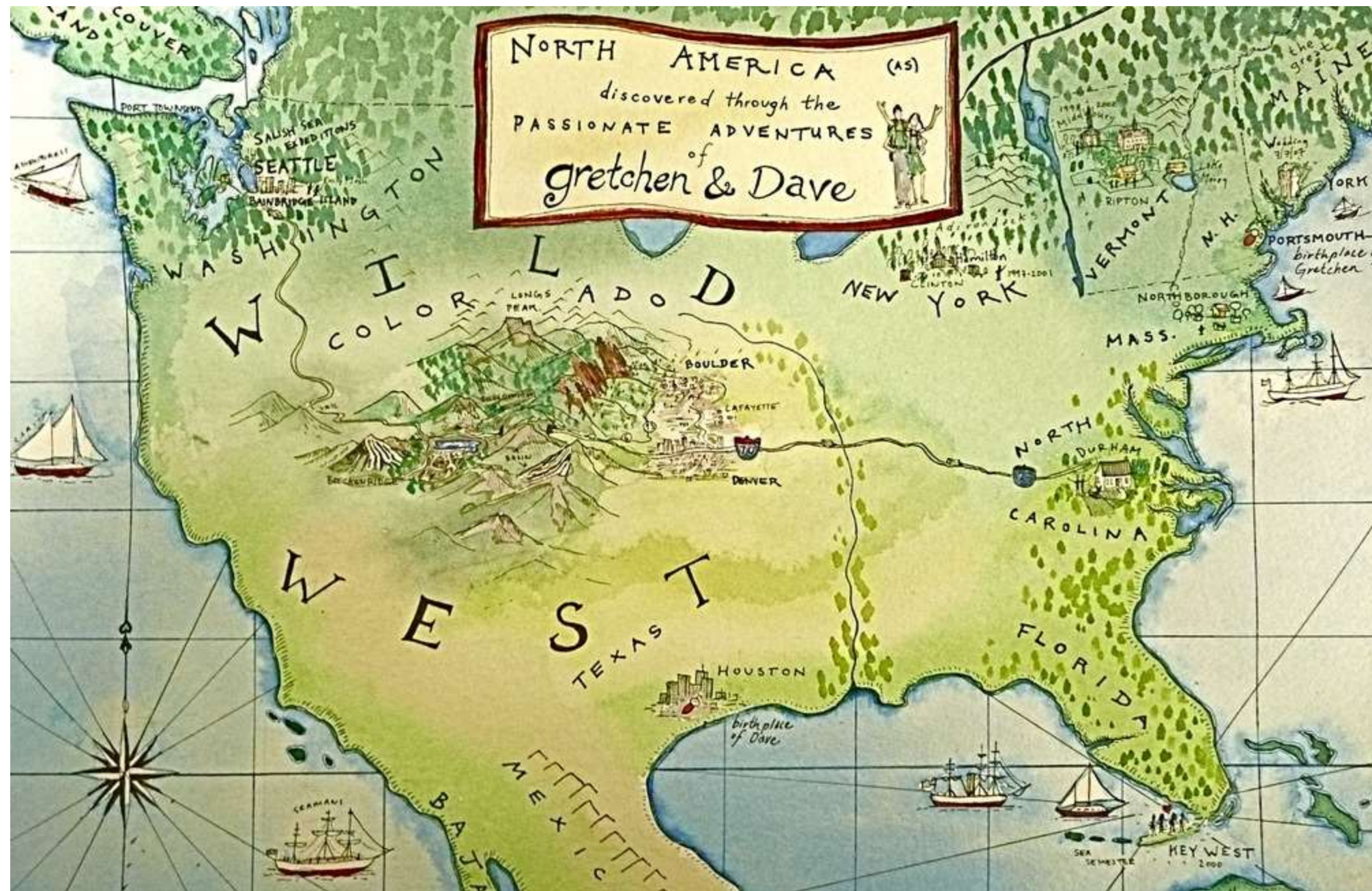
That sense of belonging isn't so apparent when you cue up Google Earth. Brown says one of the best parts of her job is sharing her approach with kids in map-making workshops. "I tell them, 'it's not just satellites and digital data telling your mom's phone what's important. What place makes you feel safe? What place makes you feel happy? Let's put that on a map.'"

- <https://www.wmtw.com/article/maine-woman-creates-maps-that-are-works-of-art/36477832#>
- <https://www.wmtw.com/article/maine-woman-creates-maps-that-are-works-of-art/36477832>















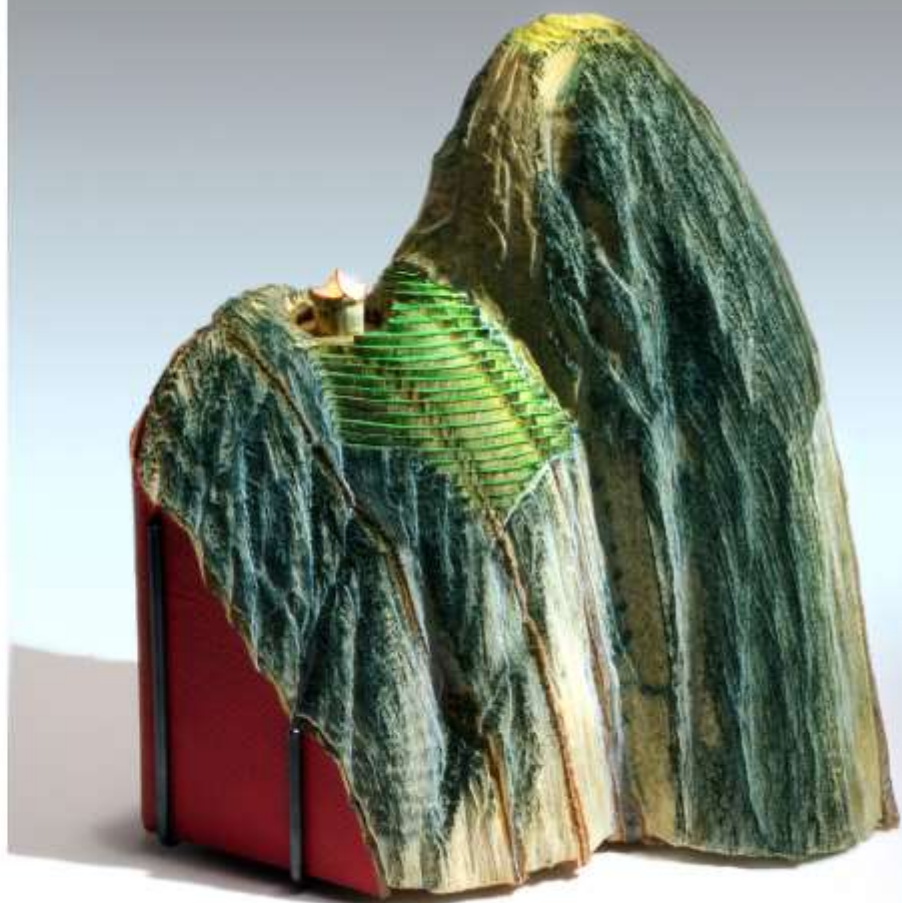
# Guy Laramé

For [Guy Laramée \(previously\)](#), though, a books' contents aren't the only important aspect either. The Montreal-based artist repurposes encyclopedic volumes and series of dictionaries to create topographic carvings that dip into and excavate the pages, framing the physical object as a work of art in itself. Laramée's latest projects include a piece with minuscule carved steps scaling a mountainside and another with moss-covered ridges jutting up from low valleys. His work titled "Journey to the Center of the" features two side-by-side texts with a cavernous hole bored through them, piercing entirely through to the other side.

<https://www.youtube.com/watch?v=2dvrs7sfD7g>

<https://www.youtube.com/watch?v=lzXGMJvZYIA>



















# Amy Genser

- <https://www.thisiscolossal.com/tags/topography/>
- [https://www.google.com/search?q=amy+genser&sxsrf=ALiCzsZfIZxhrOf4PbyUKFyyfPt5Gnzufw:1669676417951&source=Inms&tbm=vid&sa=X&ved=2ahUKEwi3oqCu\\_dH7AhU9JkQIHRO2A90Q\\_AUoBHoECAIQBg&biw=1297&bih=740&dpr=1#fpstate=ive&vld=cid:f57348d1,vid:NNXIOLxZWYE](https://www.google.com/search?q=amy+genser&sxsrf=ALiCzsZfIZxhrOf4PbyUKFyyfPt5Gnzufw:1669676417951&source=Inms&tbm=vid&sa=X&ved=2ahUKEwi3oqCu_dH7AhU9JkQIHRO2A90Q_AUoBHoECAIQBg&biw=1297&bih=740&dpr=1#fpstate=ive&vld=cid:f57348d1,vid:NNXIOLxZWYE)
- [https://www.google.com/search?q=amy+genser&tbm=vid&sxsrf=ALiCzsYdzAplvfDQQU8bPLDiGAmXxjueuA:1669676421183&ei=hT2FY\\_3sCoPjkPIP77imuAc&start=10&sa=N&ved=2ahUKEwi9w-Wv\\_dH7AhWDMUQIHW-cCXcQ8NMDegQIDhAW&biw=1297&bih=740&dpr=1#fpstate=ive&vld=cid:57fe6e5a,vid:vtn6Eh7Ljro](https://www.google.com/search?q=amy+genser&tbm=vid&sxsrf=ALiCzsYdzAplvfDQQU8bPLDiGAmXxjueuA:1669676421183&ei=hT2FY_3sCoPjkPIP77imuAc&start=10&sa=N&ved=2ahUKEwi9w-Wv_dH7AhWDMUQIHW-cCXcQ8NMDegQIDhAW&biw=1297&bih=740&dpr=1#fpstate=ive&vld=cid:57fe6e5a,vid:vtn6Eh7Ljro)























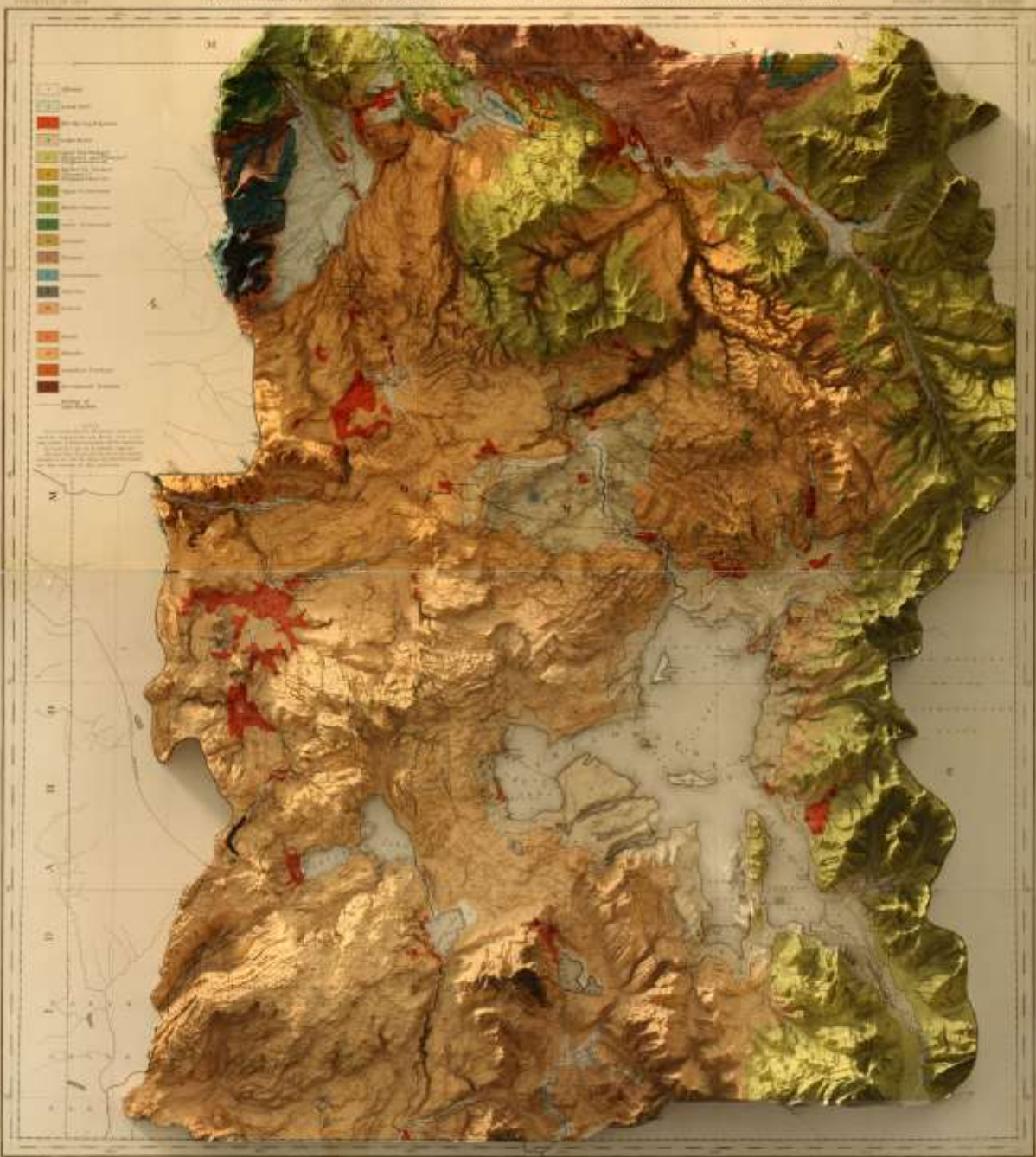
# Scott Reinhard

[Scott Reinhard](#) combines contemporary land elevations with historic maps to create three-dimensional environments of a specific region, city, or state. To produce the digital maps, he pulls elevation data from the [United States Geological Survey](#), which he then embeds with location information and merges with the original design of the old maps.

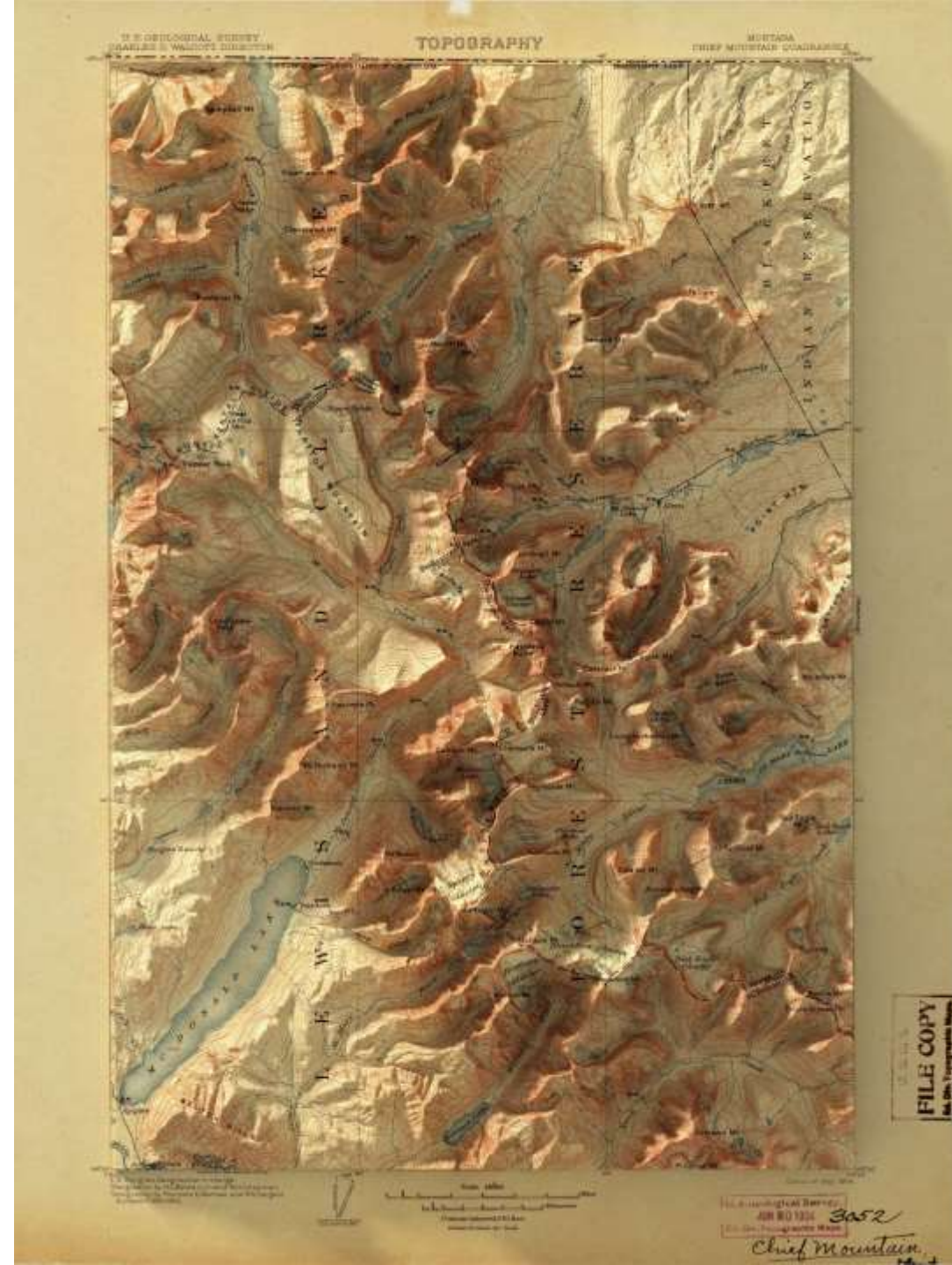
Producing these hybrids allows the Brooklyn-based graphic designer to gain a better sense of the topography found in large areas without aerial photography, while also developing a story from the cartographic information. He often selects locations he has personally visited or is generally curious about for his digitally produced works. “I am from Indiana, which always felt so flat and boring,” he explains to Colossal. “When I began rendering the elevation data for the state, the story of the land emerged. The glaciers that receded across the northern half of the state after the last ice age scraped and gouged and shaped the land in a way that is spectacularly clear.”

- <https://www.thisiscolossal.com/2020/11/scott-reinhard-digital-maps/>

















FILE 244

FILE 244



# Peter Bellerby

After a career in television, Peter Bellerby was running a music venue in London that included a bowling alley, when he started a search for a special globe for his father's 80th birthday. Not finding what he wanted, he set about making a globe himself by hand which led to the founding of the company in 2008.<sup>[2][3]</sup>

Two globes were commissioned for the 2011 film *Hugo*.<sup>[2]</sup> In 2012, the company hosted the first globe exhibition at The [Royal Geographical Society](#),<sup>[4]</sup> and in the same year, an egg-shaped Bellerby globe was donated to [The Faberge Big Egg Hunt](#) charity for auction in London. The auction raised £11,100 for the [Elephant Family](#) conservation movement.<sup>[citation needed]</sup> A second "egg" globe was auctioned at [Sotheby's](#) in New York in 2014 and raised \$25,000, for both Elephant Family and [Action for Children](#).

- <https://www.thisiscolossal.com/interviews/peter-bellerby/>
- <https://www.youtube.com/watch?v=ycHal9Pv0J4>
- [https://www.youtube.com/watch?v=A\\_m6mrfmmXk](https://www.youtube.com/watch?v=A_m6mrfmmXk)
- <https://www.youtube.com/watch?v=-WT4Je9lbnI>
- <https://www.youtube.com/watch?v=26DKFLVJKIM> (6 mins)















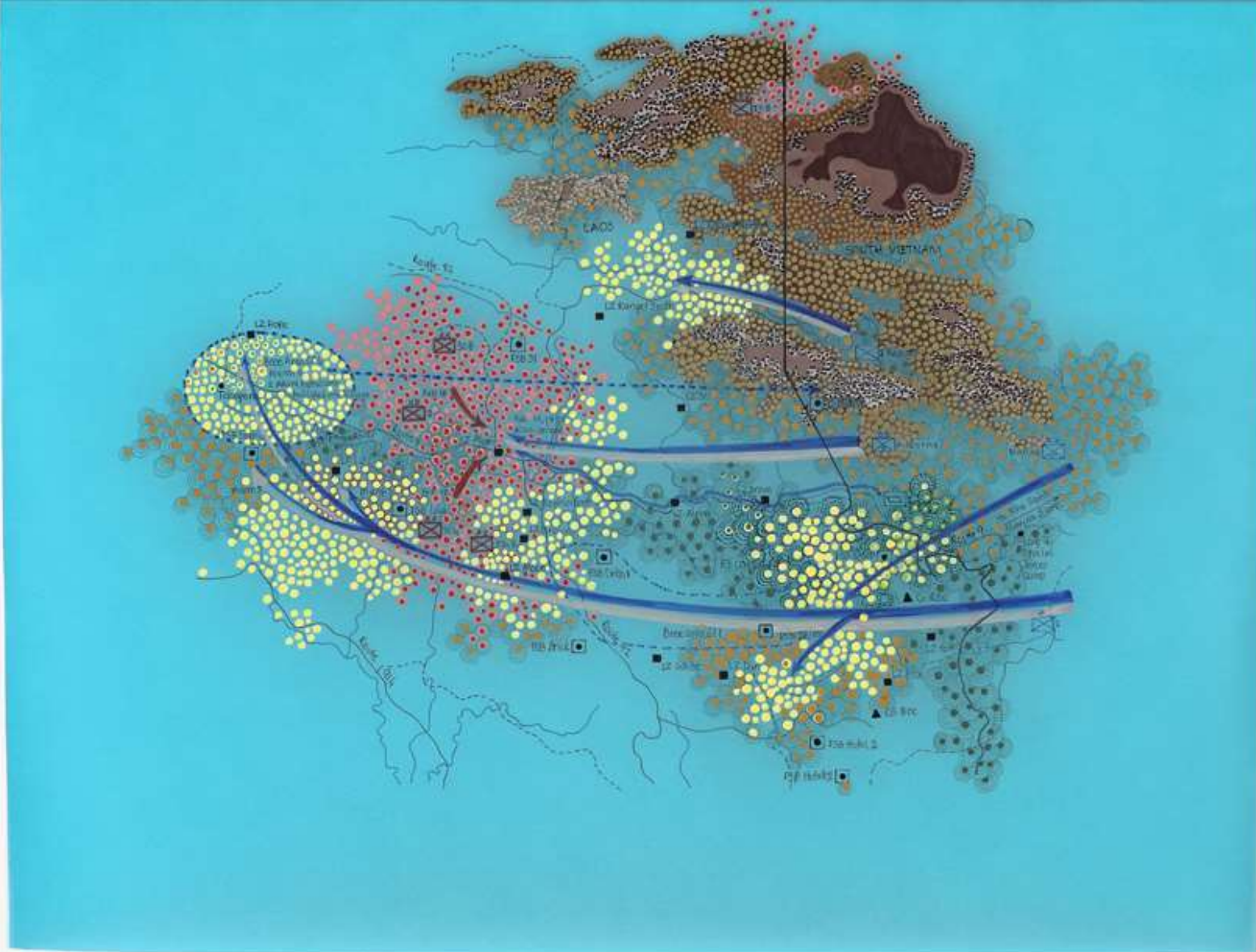
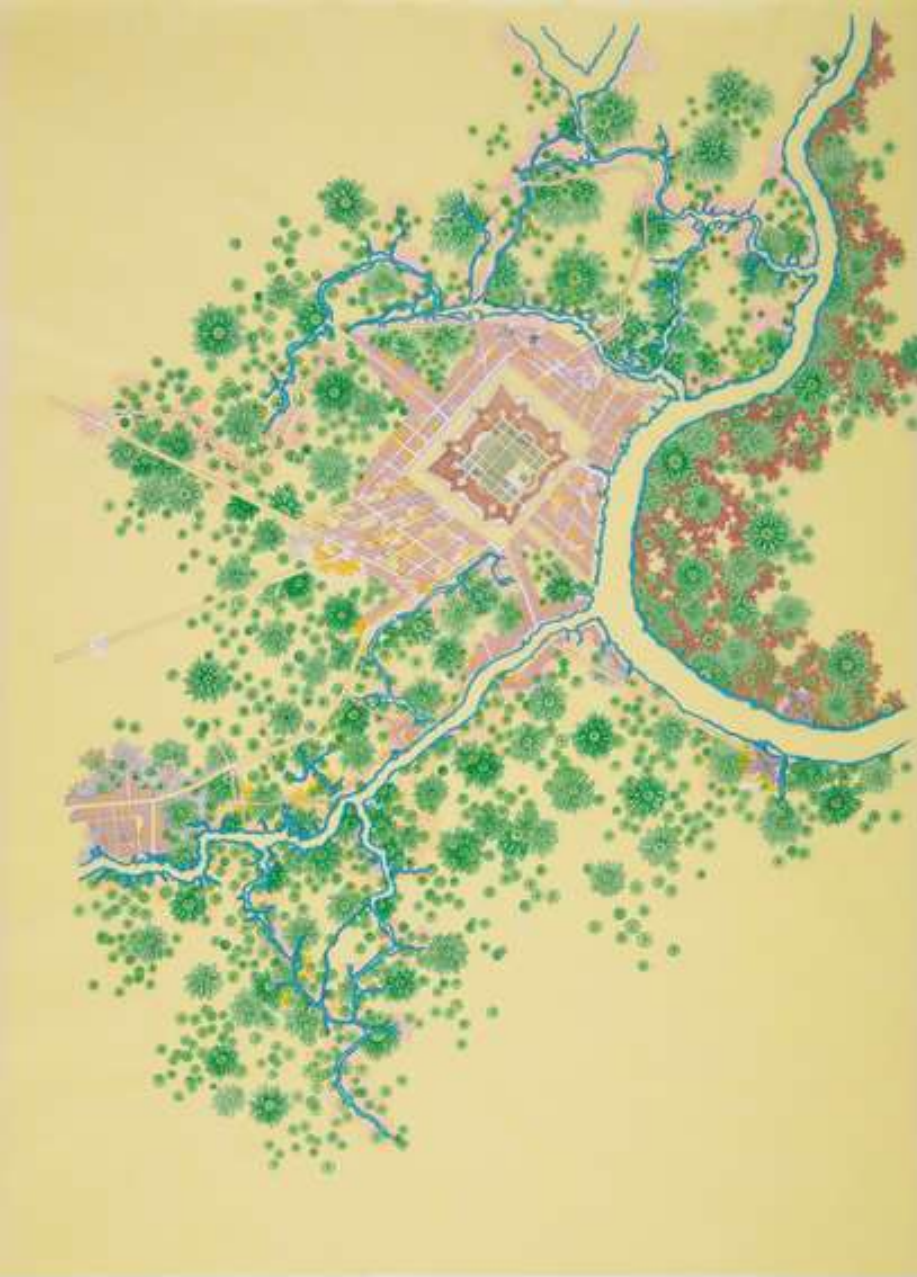
# Tiffany Chung

Tiffany Chung (Vietnam/USA) is noted for her cartographic drawings, sculptures, videos, photographs, and theater performances that examine conflict, migration, displacement, urban progress and transformation in relation to history and cultural memory. One of Vietnam's most respected and internationally active contemporary artists, she recently presented a major solo exhibition at the Smithsonian American Art Museum, [\*Tiffany Chung: Vietnam, Past Is Prologue\*](#) (March – September 2019), which was organized as a response to the museum's groundbreaking group show, [\*Artists Respond: American Art and the Vietnam War, 1965–1975\*](#). In 2019, Tyler Rollins Fine Art presented [\*passage of time\*](#), a solo exhibition by Chung.

<https://www.youtube.com/watch?v=PAgs-BTIUnI>

- <https://www.youtube.com/watch?v=ngKvDbGvGKw>





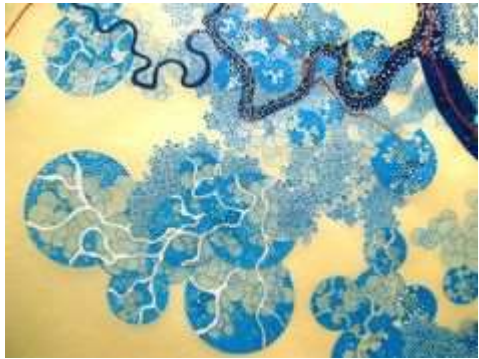




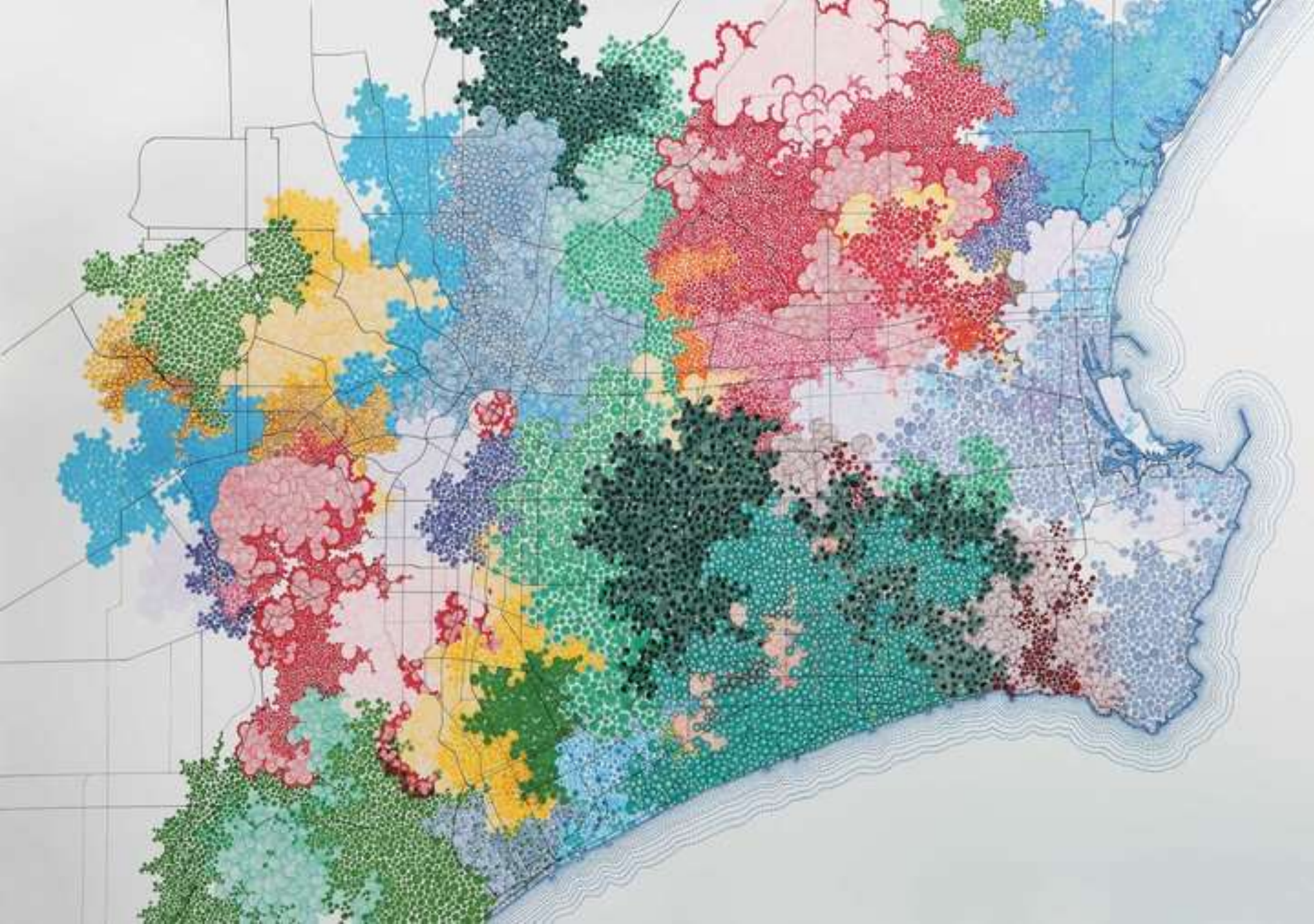














# Claire Brewster

Claire Brewster uses old and out-of-date maps and atlases as her fabric to create intricate, delicate and detailed sculptures and collages that have been described as 'exquisitely ethereal' by the Financial Times.

She believes nature is ever present, even in the most urban environments, taking over wherever we neglect, living in a separate yet parallel universe. She takes inspiration from the natural environment, creating entomological installations of flora and fauna from imagined locations. Her birds, insects and flowers transcend borders and pass freely between countries with scant regard for rules of immigration or the effects of biodiversity. The sculptures are either pinned directly onto the wall as a large scale installation or captured in box frames. The shadows created when light shines on them, creates a dynamic three-dimensional quality and evokes a feeling of movement.

- [https://diehlgallery.com/artist/Claire Brewster/biography/](https://diehlgallery.com/artist/Claire_Brewster/biography/)















# Assignment Suggestions...

- <https://makingmaps.net/tag/maps-art/>
- <https://www.upcyclist.co.uk/2017/08/paper-artists-recycled-maps/>
- Create an intimate map---a place that is important to you or use your face outline as a template
- Create a collage that incorporates maps.
- Create a mythical map
- Deliberately distort a realistic image to reveal a different truth
- Play with a blueprint—or create your own (inaccurate one)
- Create a map that in the form of a mobile